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Approved for use through 10/31/2002. OMB 0651-0032

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	NEB-207-US
First Inventor	Richard Morgan
Title	Recombinant Type II Restriction Endonucleases, MmeI And Related
Express Mail Label No.	EU115634926US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages **44**]  
(preferred arrangement set forth below)
 

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets **18** ]

5. Oath or Declaration [ Total Pages **3** ]
 

- a.  Newly executed (original or copy) **unexecuted**  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
- b.

6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
 

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

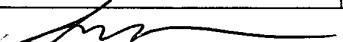
17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation    Divisional    Continuation-in-part (CIP)of prior application No.: **60,395,431**Prior application information: *Examiner \_\_\_\_\_* Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label			or	<input type="checkbox"/> Correspondence address below
(Insert Customer No. or attach bar code label here)				
Name	Gregory D. Williams PATENT & TRADEMARK OFFICE			
	New England Biolabs, Inc.			
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Country	USA	Telephone	9789275054	Fax 9789271705
Name (Print/Type)	Gregory D. Williams		Registration No. (Attorney/Agent)	30901
Signature			Date	7/5/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**18837 U.S. PTO  
10/616624  
07/10/03**



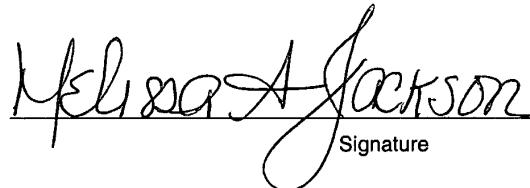
**Certificate of Mailing under 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage ~~as first class mail in an envelope addressed to:~~ as express mail under mailing label no. EU115634926US

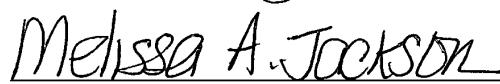
Assistant Commissioner for Patents  
Washington, D.C. 20231

on 10 July 2003.

Date



Melissa A. Jackson  
Signature



Melissa A. Jackson

Typed or printed name of person of signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal for Patent Application, Fee Transmittal U.S. Cover page, 42-page application, 1-page claims, 1-page abstract, 18 sheets of Figures (Figures 1-7) and an unexecuted Declaration. No fee is enclosed.

17439  
07/10/03  
PTO

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 557.00)

*Complete if Known*

Application Number	
Filing Date	
First Named Inventor	Richard D. Morgan
Examiner Name	
Art Unit	
Attorney Docket No.	NEB-207-US

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit

Account Number

Deposit

Account Name

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130		2051 65	Surcharge - late filing fee or oath	
1052 50		2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130		1053 130	Non-English specification	
1812 2,520		1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*		1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*		1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110		2251 55	Extension for reply within first month	
1252 410		2252 205	Extension for reply within second month	
1253 930		2253 465	Extension for reply within third month	
1254 1,450		2254 725	Extension for reply within fourth month	
1255 1,970		2255 985	Extension for reply within fifth month	
1401 320		2401 160	Notice of Appeal	
1402 320		2402 160	Filing a brief in support of an appeal	
1403 280		2403 140	Request for oral hearing	
1451 1,510		1451 1,510	Petition to institute a public use proceeding	
1452 110		2452 55	Petition to revive - unavoidable	
1453 1,300		2453 650	Petition to revive - unintentional	
1501 1,300		2501 650	Utility issue fee (or reissue)	
1502 470		2502 235	Design issue fee	
1503 630		2503 315	Plant issue fee	
1460 130		1460 130	Petitions to the Commissioner	
1807 50		1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180		1806 180	Submission of Information Disclosure Stmt	
8021 40		8021 40	Recording each patent assignment per property (times number of properties)	
1809 750		2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750		2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750		2801 375	Request for Continued Examination (RCE)	
1802 900		1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

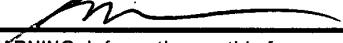
\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

\*\*or number previously paid, if greater; For Reissues, see above

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Gregory D. Williams	Registration No. (Attorney/Agent)	30901	Telephone 9789275054
Signature			Date	7/10/03

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.